



32 pgs
DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, D.C. 20350

CH-1 8 AUG 83
CH-2 25 JULY 86
CH-3 11 SEP 89
ND

IN REPLY REFER TO

OPNAVINST 2010.3D
Op-941B2

JUL 24 1978

OPNAV INSTRUCTION 2010.3D

From: Chief of Naval Operations

Subj: Communications Operating Facilities Report
(OPNAV Report 2010-2); submission of

Ref: (a) SECNAVINST 11120.1D
(b) OPNAVINST 11120.5

Encl: (1) Detailed Instructions for the Preparation of
the Communications Operating Facilities Report
(2) Schedule of Submission and Order of Promulgation
Communications Operating Facilities Report

1. Purpose. The purpose of this report is to provide the current status of communications operating facilities as they actually exist at naval shore activities having a communications capability.

2. Cancellation. OPNAV Instruction 2010.3C of 25 April 1967 is superseded.

3. Background. The requirement exists for cognizant commands, headquarters, and offices within the Department of the Navy to have available detailed information on the communications operating facilities of Navy shore and Marine Corps activities and units of the operating forces with communications facilities ashore. The Communications Operating Facilities Report (OPNAV Report 2010-2), properly submitted, will provide the information required and will be used by commands, headquarters, and activities in planning, engineering and programming actions required by the effective versions of references (a) and (b) for the coordinated execution of their responsibilities leading toward the most efficient, effective and economical communications systems ashore.

4. Discussion. Detailed information required for the proper preparation and submission of this report is contained in enclosures (1) and (2). The scope of this instruction does not include those mobile and portable tactical communications organic to the Fleet Marine Forces. The report is divided into five sections. The specific information to be included in each of these sections is delineated below:



0 5 7 9 L D 0 5 1 0 1 4 5

JUL 24 1978

a. Section I - Point to Point Trunks. All point-to-point radio, satellite and cable trunks requiring terminating facilities at the reporting activity shall be listed in Section I. The type and quantity of transmitters, receivers, cryptographic equipment and special terminal equipment employed on each shall be listed in Section I. Special terminal equipment includes, but is not limited to, modems, channel derivation equipment and vocoders.

b. Section II - Teletypewriter, Record, Data and Communications Operating Facilities. All teletypewriter, record, data, voice data, and facsimile circuits terminated by the reporting activity, including the type and quantity of cryptographic and special terminal equipment employed on each, shall be listed in Section II. ADP facilities need only show the communications equipment behind the interface unit.

c. Section III - Voice Switching Operating Facilities. All voice switching facilities (manual and automatic) less field tactical facilities, operated by the reporting activity shall be listed in Section III. Switching facilities to be reported include:

- (1) PBX
- (2) PABX
- (3) AUTOVON
- (4) AUTOSEVOCOM
- (5) ICSB
- (6) SECORD

Normal voice patching facilities included in the activity facility control will not be reported.

d. Section IV - Equipment Summary. The type and quantity of all ground communications electronic equipment under the custody of the reporting activity shall be listed under appropriate categories in Section IV except the following:

- (1) Speakers
- (2) Speaker amplifiers
- (3) Hand and Head Sets
- (4) Control units which are components of a basic equipment

8 AUG 1983

(5) Surveyed equipment awaiting disposition or shipment. Test equipment, air-navigation aids, radar, RADIAC, and telephone terminal equipment are not considered communications-electronic equipment for purposes of this report.

e. Section V - Authorized Manpower Assignment by Locations. The manpower authorized for Communications functions will be entered in this section. MARCORPS and COMNAVTELCOM activities are exempted from reporting under this section.

5. Preparation and Submission. The communications operating facilities report shall be submitted annually and updated semi-annually by all Navy Shore and Marine Corps Activities and by Units of the Operating Forces with communications facilities ashore of the type required to be reported. The requirement for accuracy and clarity is important inasmuch as the quality of detailed planning, emergency and programming actions will depend to a considerable degree on the information provided in this report.

a. Reports shall be prepared in the format prescribed in enclosure (1), and forwarded in accordance with the schedule in enclosure (2).

b. Normally one report with one enclosure will be prepared for each activity reflecting the communications operating facilities for all communications components of the activity (message center, transmitter facility, receiver facility, etc.). Additional reports will be prepared and submitted as separate enclosures under the same forwarding letter for those independently functional communications components such as remote message centers serving other commands and NAVRADSTAs (T) (R). For example, NAVCAMS WEST-PAC Guam will prepare separate enclosures for NAVMSGCEN Nimitz Hill, NAVMSGCEN Orote, NAVMSGCEN Apra, and NAVMSGCEN Agana. It is to be noted that NAS Agana or other similar activities, may be required to submit a separate report of those facilities required to be reported that are separate and not included in the NAVMSGCEN enclosure. Separate enclosures shall be included for Naval Security Group Departments.

c. Semi-annual corrections and updating to the various sections may be of the pen and ink type for minor changes, or replacement pages for more extensive changes. Negative semi-annual reports are required. The reporting requirement contained in this directive is approved until July 1986.

(A)

8 AUG 1983


6. Classification. The Communications Operating Facilities Report shall be classified in accordance with the content of the completed report. A minimum classification of CONFIDENTIAL shall be assigned.

7. Distribution. Distribution of the Communications Operating Facilities Report by the originating activity, will be in accordance with enclosure (2).

8. Report and Forms.

a. Report. Report Control Symbol OPNAV 2010-2 is assigned for the Communications Operating Facility Report.

b. Forms. OPNAV Forms 2010/1, S/N 0107-LF-702-4100, Point-to-Point Trunks; 2010/1A, S/N 0107-LF-702-4150, Teletypewriter/Record/Data Communications Operating Facilities Report; 2010/1B, S/N 0107-LF-702-4200, Voice Switching Operating Facilities Report; 2010/1C, S/N 0107-LF-702-4250, Equipment Summary Operating Facilities Report; and 2010/1D, S/N 0107-LF-020-1015, Authorized Manpower assignments by location are available for cognizant Symbol "I" segment (FPSO) of the Navy Supply System and should be requisitioned in accordance with the requisitioning procedures set forth in NAVSUP Publication 2002. Initial stocking point: NAVPUBFORMCEN, 5801 Tabor Ave. Philadelphia, PA 19120. Activities with Automated Data Processing facilities may submit report on computer printouts. Reproduced reports are acceptable.


LAWRENCE LAYMAN
By direction

Distribution:

SN DL A4A	(Chief of Naval Material)
A5	(Bureaus)
A6	(Headquarters U.S. Marine Corps)
21A	(Fleet Commanders in Chief)
22	(Fleet Commanders)
23	(Force Commanders)
24	(Type Commanders)
26	(Special Commands, Groups and Units)
39	(Construction Battalions, Regiments and Detachments)

JUL 24 1978

Distribution (continued):

40 (Shipping and Transportation)
41 (Military Sealift Commands)
42AA (Fleet Intelligence Support Centers)
C4E (Naval Plant Branch and Technical
Representatives)
C4F1 (Astronautics Group Detachment)
C4F6 (Air Facility/Station Detachment)
C4F8 (Annexes, Branches, Groups, Ranges and
Auxiliary Landing Fields)
C4F9 (Laboratory Detachments)
C4F10 (Ship Engineering Center Field Division)
C4F23 (Security Group Detachments)
C4F60 (Inactive Ship Maintenance Detachment)
C4F61 (Field Operational Intelligence Office
Detachment)
C4F64 (Aviation Weapons Facility, St. Mawgan
Detachment)
C4N (Navy-Marine Corps MARS Districts)
E2C (Finance Center)
E3 (Activities under the Command of the Chief
of Naval Research)
FA (Shore Activities under the command of the
Commander in Chief, U. S. Atlantic Fleet as
delegated by the Chief of Naval Operations)
(Less FA1, FA3, FA28, FA32, and FA34)
FB (Shore Activities under the command of the
Commander in Chief, U. S. Pacific Fleet as
delegated by the Chief of Naval Operations)
(Less FB24, FB39, and FB44)
FC (Shore Activities under the command of the
Commander in Chief, U. S. Naval Forces,
Europe, as delegated by the Chief of Naval
Operations) (less FC9, and FC12)
FD (Shore activities under the command of the
Oceanographer of the Navy as delegated by
the Chief of Naval Operations)
FE (Shore activities under the command of the
Commander, Naval Security Group Command
as delegated by the Chief of Naval
Operations)
FF (Shore activities under the command of the
Chief of Naval Operations and not otherwise
assigned herein) (less FF16, FF18, FF20,
FF32 through FF51)
FG (Shore activities under the command of the
Commander, Naval Telecommunications Command
as delegated by the Chief of Naval Operations)

Distribution (continued):

FJ	(Shore activities under the command of the Chief of Naval Personnel as delegated by the Chief of Naval Operations) (FJ6, FJ17 and FJ76, only)
FKM	(Shore activities under the command of the Commander, Naval Supply Systems Command, as delegated by the Chief of Naval Operations and the Chief of Naval Material) (less FKM1, FKM7, FKM14, FKM18, through FKM27)
FKN	(Shore activities under the command of the Commander, Naval Facilities Engineering Command, as delegated by the Chief of Naval Operations and the Chief of Naval Material)
FKP	(Shore activities under the command of the Commander, Naval Sea Systems Command, as delegated by the Chief of Naval Operations and the Chief of Naval Material) (Less FKP6B)
FKQ	(Shore activities under the command of the Commander, Naval Electronic Systems Command, as delegated by the Chief of Naval Operations and the Chief of Naval Material)
FKR	(Shore activities under the command of the Commander, Naval Air Systems Command, as delegated by the Chief of Naval Operations and the Chief of Naval Material)
FR	(Shore activities under the command of the Chief of Naval Reserve as delegated by the Chief of Naval Operations)
FS	(Shore activities under the command of the Commander, Naval Intelligence Command, as delegated by the Chief of Naval Operations)
FT	(Shore activities under the command of the Chief of Naval Education and Training as delegated by the Chief of Naval Operations)
V	(Shore activities under the command of the Commandant of the Marine Corps) (less V1, V2, V6, V14, V20, V22, and V24)

Stocked:
CO, NAVPUBFORMCEN
5801 Tabor Ave.
Phila., PA 19120

JUL 24 1978

DETAILED INSTRUCTIONS FOR THE PREPARATION AND
SUBMISSION OF THE COMMUNICATIONS OPERATING FACILITIES
REPORT

1. In addition to the information contained in the basic instruction, the detailed instruction contained herein, together with the attached sample forms shall be followed in preparation of the communications operating facilities report to assure that the desired information is presented in standard format and in proper sequence which will facilitate interpretation of the information submitted. Standard JAN nomenclature shall be used throughout for the identification of equipment. Commercial designation may be used if JAN nomenclature is not assigned. In addition to the special abbreviations contained herein and in TAB A to enclosure (1), standard authorized abbreviations may be used in the preparation of this document. Any questions on preparation should be directed to COMNAVTELCOM.

2. Section I - Point-to-Point Trunks. All cable and radio trunks (including microwave, tropospheric scatter and satellite) requiring terminating facilities at the reporting activity shall be listed in this section. Catastrophe requirements such as those specified in NTP-4 will not be included. The following detailed instructions apply in preparing Section I of the report.

a. Column A. ITEM. The item number of the entry will be entered in this column. This feature is included to facilitate reference in other correspondence.

b. Column B. DESIGNATOR. Holders of the Navy Trunk and Circuit Directory (NTCD) will enter the appropriate designators for all Navy tactical trunks (COMNAVTELCOMINST 5230.6A of 7 Aug 1973). The Command Communications Service Designators (CCSD) will be entered for all DCS point-to-point trunks (DCA Circular 310-65-1 current edition). If no designation has been assigned, enter "NONE".

c. Column C. DESCRIPTION. The description as assigned in NTP 4 or the Directory Data Base Manual of the Defense Communications System will be entered. If these descriptions are inadequate, or have not been included in either publication, then an appropriate description shall be entered in this column.

Enclosure (1)

JUL 24 1978

d. Column D. FREQUENCY. Radio frequencies, if required, shall be entered in this column. If trunk operation utilizes specific frequencies from a group of several assigned frequencies, enter the frequency range such as 4-27MCS. If trunk operation is on a single fixed frequency, enter that frequency, such as 2716KCS.

e. Column E. EMISSION/TYPE. Emission modes actually employed on the trunk shall be entered. Do not include all modes for which assigned frequencies are cleared, but only those which are used. The type of operation (e.g., BCST, HDX, FDX, RO), shall be entered under the type heading.

f. Column F. TRANSMITTER QUANTITY/LOCATION. The nomenclature, quantity and location of transmitters employed on this trunk shall be entered in this column. Transmitters should not be entered more than once. If transmitters are shared with another trunk, equipment will be entered for only one. The transmitter column for the other trunk will show "0" and an appropriate note entered in the remarks column. The location of transmitters provided by and located at another activity will be indicated by an ampersand (&) and an appropriate entry made in the remarks column. Transmitters designated as on-call or for contingency use will be annotated accordingly in the Remarks Column.

g. Column G. RECEIVER QUANTITY/LOCATION. The instruction for column F above applies.

h. Column H. TERMINAL EQUIPMENT QUANTITY/LOCATION. The nomenclature, quantity and location of cryptographic equipment, modems channel derivation equipment and vocoders only shall be entered in this column. Channel derivation equipment will be entered only where the entire equipment is utilized for the trunk. Entries such as 1 CH AN/FGC-60 shall not be made. The instructions for column F above apply.

i. Column I. REMARKS. Remarks which will clarify the other entries or which are required to adequately describe the trunk will be entered in this column. Sample entries include, but are not limited to, the following:

- (1) Four multi-channel ship/shore trunks.

Enclosure (1)

JUL 24 1978

- (2) Three primary ship/shore trunks.
- (3) On request. (All circuits are considered full period unless otherwise indicated in the remarks column.)
- (4) Remoted to NAS North Island.
- (5) Transmitters provided by NAVCOMMU, Washington.
- (6) Authority for each trunk.

3. Section II - Teletypewriter/Record/Data/Voice-Data Operating Facilities Report. All teletypewriter/record/data/voice-data/Facsimile circuits (less those reported in Section III) which are terminated by the reporting activity shall be listed in Section II. Circuits shall be entered in the following order:

Common User Record/Data

Dedicated record/data circuitry (e.g., CRITICOM, AIROPNET, ADP, LDMX. Terminations and Dial-up record/data)

CAMS/Coordination Circuits

TTY Orderwires

Derived DCS trunks excluding HF trunks reported in Section I

Derived non-DCS trunks excluding HF trunks reported in Section I

Ship/Shore access and extension circuitry

Voice circuits other than these listed in Section III

Wideband Multiplex

Facsimile

The following detailed instructions apply in the preparation of Section II of the report:

a. Column A. ITEM. The item number of the entry will be entered in this column. This feature is included to facilitate reference to other correspondence.

Enclosure (1)

OPNAVINST 2010.3D
JUL 24 1978

b. Column B. TERMINALS. The name and location of the distant terminal will be entered in this column. On multi-pointed circuits the originating point only will be entered as the distant terminal for multi-point circuits.

c. Column C. DESCRIPTION. A brief functional description of the circuit will be entered in this column, e.g., DCS common user, FAA Weather Service, DCS VFCT Trunk.

d. Column D. TYPE. This type shall contain three entries; type of operation (e.g., BCST, FDX, HDX) speed (75BD, 600BD, 120SPM, etc.) and type of service (TTY, DATA, FAX, or other).

e. Column E. IDENTIFICATION. The circuit identifier shall be entered in this column. This shall normally be the assigned CCSD, NTSD, and commercial lease number. Where any of these are not known or not applicable, an appropriate notation shall be entered. In the case of derived trunks both the trunk numbers shall also be entered such 77BX02/DTXX 6A43.

f. Column F. TERMINAL QUANTITY/LOCATION. The nomenclature, quantity and location of cryptographic equipment, modems, channel derivation equipment and vocoders only shall be entered in this column. Special terminal equipment does not include teletypewriter, record data, facsimile and voice instruments. Channel derivation equipment will be entered only where the entire equipment is utilized for the circuit. Entries such as 1 CH AN/FGC-60 shall not be made.

g. Column G. CIRCUIT TERMINAL LOCATION. The local area in which the circuit end terminal equipment is located shall be entered in this column. The abbreviations in TAB A shall be used.

h. Column H. CLEARANCE. The highest classification of traffic authorized for transmission on circuits shall be entered as follows:

- A - SPECIAL CATEGORY
- TS - TOP SECRET
- S - SECRET
- C - CONFIDENTIAL
- U - UNCLASSIFIED
- O - OTHER (define in remarks)

Enclosure (1)

JUL 24 1978

In those instances where traffic channels are not terminated locally (VFCT trunks and ship/shore access for example) "NA" shall be entered.

i. Column I. REMARKS. Remarks which will clarify the other entries or which are required to describe the circuit adequately should be entered in this column. All circuits are to be considered full period unless indicated otherwise in this column.

4. Section III - Voice Switching Operating Facilities Report. All manual and automatic voice switching facilities operated by the reporting activity (less those voice patching facilities which are an integral part of the facility control) shall be listed in Section III. Facilities to be reported include the following types:

PBX
PABX
AUTOVON
AUTOSEVOCOM
ICSB

The following detailed instructions apply in the preparation of Section III of the report:

a. Column A. ITEM. The item number of the entry will be entered in this column. This feature of the report is included to facilitate reference in other correspondence.

b. Column B. TYPE. The type of facility shall be entered in this column (e.g., PBX, AUTOVON.)

c. Column C. SWITCHBOARD. Enter the nomenclature of the switchboard installed (e.g., WE 758, WE 555, North Electric BCL, NR.5 Switchboard.). In addition, indicate if equipment is leased.

d. Column D. LINES. The circuit number of 2 and 4 wire subscribers, 2 wire and 4 wire tie lines, or trunks in operation shall be entered in this column. Identify one-way service, NID, NOD, NIOD and Touchtone.

e. Column E. TERMINAL EQUIPMENT. Terminal equipment (vocoders, crypto devices, ringers and bridges) shall be entered in this column. The number of conference users should be listed when available.

Enclosure (1)

JUL 24 1978

f. Column F. SUBSCRIBERS. The number of class A, B, C, and D subscribers shall be listed in this column.

g. Column G. REMARKS. Information which would clarify other entries may be entered in this column.

5. Section IV - Equipment Summary. This section shall be completed to show all major items of government-owned equipment by location. Types of equipment to be reported are specified in paragraph 4d of the basic instruction. Equipments shall be reported in alphabetical order in the following sequence:

Transmitters

Receivers

Transceivers

Microwave

Tropo

SATCOM

Terminal equipment (less teletypewriter and cryptographic)

Teletypewriter

Cryptographic

Miscellaneous

a. Column A. EQUIPMENT TYPE. The JAN nomenclature of the equipment reported for each location shall be entered in this column. If no JAN nomenclature has been assigned, enter appropriate commercial designator. Insure that full nomenclature is used including the suffix, e.g., AN/FRT 39B, AN/FRT 40C. In the case of channel derivation equipment, indicate whether diversity or non-diversity; e.g., AN/FGC 60D, AN/FGC 60ND.

b. Column B. QUANTITY. The quantity of equipment reported for each location shall be entered in this column.

Enclosure (1)

JUL 24 1978

c. Column C. LOCATION. The location of the equipment shall be entered in this column using appropriate abbreviations or symbols from TAB A to enclosure (1).

6. Section V - Authorized Manpower Assignment by Location. This section will be completed to show all manpower authorized to support the communications mission of the activity.

a. Column A. ITEM. The item number of the entry will be entered in this column. This feature is included to facilitate reference in other correspondence.

b. Column B. LOCATION. This column will indicate the component to which the billet or ceiling point is assigned, e.g., Transmitter Facility, Message Center, Fleet Center, Air Traffic Control.

c. Column C. BILLET TITLE OR POSITION DESCRIPTION. This column will correspond to billet titles or position descriptions used in manpower authorization or manpower listings.

d. NOBC/NEC or GS/Wage Board Series. Enter in this column the appropriate Naval Officer Billet Code, Naval Enlisted code, GS or Wage Board series, as appropriate, for the associated billet title or position description.

e. Column E. RANK/RATE/GRADE. This column will indicate the authorized military rank/rate or civilian grade.

f. Column F. NUMBER. This column will indicate the number of ceiling points or billets authorized.

g. Column G. REMARKS. This column may be used to provide additional information or clarify other entries.

Enclosure (1)

JUL 24 1972

E-EQUIPMENT
PROVIDED BY
NAVCANSLANT
O/R

CLASSIFICATION

OPNAV REPORT 2010-2 REPORTING ACTIVITY (NAME)

SECTION I

DATE

SUBJ: RADIO COMMUNICATIONS OPERATING FACILITIES REPORT (SAMPLE)

ITEM A	DESIG B	DESCRIPTION C	FREQUENCY D	EMISSION TYPE E	TRANSMITTER F	QTY LOC G	RECEIVER H	QTY LOC I	TERMINAL J	REMARKS K
1		PRIMARY SHIP/ SHORE	4-23 MHZ	0.1A1 SX	FRT5 FRT40C	2 TT1 3 TT1	R 274B	5 RR	FCC3	1 FC CNO VALIDA- TION 20-14-77 ETC
2		MULTICHANNEL	2-29MHZ	3A7J FDX	FRT40C FRT39D	6 TT1 6 TT2	FRR60V	6 RR	URA8 FCC3 KW 26 KW 7	2 RR 1 FC 6 FC 48 FC
		SHIP/ShORE		1.24F1 FDX	FRT39B FRT40C	2 TT1 4 TT1	R390	6 RR	URA17 KW26 KW 7	1 RR 6 FC 12 FC
3		FLEET MULTI- CHANNEL BCST	50-150 KHZ 2-25 MHZ	1.7A7J 3A7J BCST	FRT72 FRT39 FRT40C	1 TT2 2 TT1 4 TT1	R1051	4 RR	FG060 KG14 KWR37 KWT37	1 FC 12 FC 1 FC 1 FC
4		FLEET SINGLE CHANNEL BCST	30-300 KHZ 2-25 MHZ	0.6F1 1.24F1 BCST	FRT4 FRT40B	1 TT2 3 TT1	FRR21	1 RR	KWT37 KWR37 URA8	4 FC 4 FC 1 RR
5		FLEET COMMANDERS COMMUNICATIONS	3-27 MHZ	0.1A1 1.24F1 SX HDX	FRT39B	1 &	R1051	2 &		

Attachment to Enclosure (1)

JUL 24 1978

CLASSIFICATION

DATE

OPNAV REPORT 2010-2 REPORTING ACTIVITY (NAME)

SECTION I

SUBJ: RADIO COMMUNICATIONS OPERATING FACILITIES REPORT (SAMPLE)

ITEM A	DESIG B	DESCRIPTION C	FREQUENCY D	EMISSION E	TYPE F	TRANSMITTER QTY	LOC G	RECEIVER QTY	LOC H	TERMINAL QTY	LOC I	REMARKS
6		EMERGENCY CIRCUITS PACIFIC	2-21 MHZ	1.24F1	SX	FRT39B	1 TTI	R390Z	1 RRF	KW7	2 FC	
7		TOWER PRI/SEC	200-400 MHZ	6A3	SX	GRT22	2 TWR	FRT24	2 TWR			
8		ASW PATROL NET	3-26 MHZ 1.24F1	3A3J	FDX	FRT84	4 TTI	R1051	4 RR	KW7	8 TSC	
9		CINCPACFLT HIGH COMMAND NET	3-26 MHZ	3A3J	SX	FRT39	2* TTI	R390	2* RR		FC	* REMOTED TO CINCPACFLT VIA 5GP27513
10		NAVAL AIR STATION CRASH NETS	40.82KHZ 138.75 MHZ	36F3 6A3	SX SX	FRC58 FRC59 VRC60	1 TWR 1 OPS 1 MOBILE UNIT	NONE		NONE		TRANSCIEVERS
11		SHIPS TO NAVAL AIR ACTIVITIES AIR TRAFFIC CON- TROL (ATCOMM)	3-24 MHZ	3A3J	FDX	URT19	2@	R-5007A	2@		FC	@-EQUIPMENT PROVIDED BY NAVCAMS EPAC
12		EMERGENCY DISTRESS	100-200 MHZ	6A3 6A3	SX	ARC 1 TED 8	3 TWR 3 TWR	URR13	3 TWR		TWR O/R	
13		DISTRICT COMMU- NICATIONS SYSTEMS ASSIGNMENTS	7617.5MHZ 7960 MHZ	4000F9	FDX	FRC84	2 TT2	NONE		NONE		MICROWAVE TRANSMITTER SITE TO RECEIVER SITE

JUL 24 1978

CLASSIFICATION

DATE

REPORTING ACTIVITY (NAME)

OPNAV REPORT 2010-2
SECTION I

SUBJ: RADIO COMMUNICATIONS OPERATING FACILITIES REPORT (SAMPLE)

ITEM	DESIG	DESCRIPTION	FREQUENCY	EMISSION	TYPE	TRANSMITTER	QTY	LOC	RECEIVER	QTY	LOC	TERMINAL	QTY	LOC	REMARKS
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
14		INTERCONNECT EUROPEAN WIDE- BAND SYSTEM	1705 MHZ 2120 MHZ	2000F9	FDX	FRC39	1	TT3	NONE		NONE				TROPO ROTO TO MORAN
15		DCS SATCOM TER- MINAL	7.25GCS- 8.4GCS	100F9	HDX	TRC54	1	TT4	NONE		NONE				

NOTE: TT1 MAIN TRANSMITTERS TO MARE ISLAND
 TT2 AUXILIARY TRANSMITTER SITE NAS NORTH IS.
 TT3 TROPO BUILDING 589 ROTO
 TT4 SATCOM BUILDING 622 GUAM

Attachment to Enclosure (1)

CLASSIFICATION

OPNAV REPORT 2010-2
SECTION II

REPORTING ACTIVITY (NAME)

DATE:

SUBJ: TELETYPEWRITER/RECORD/DATA COMMUNICATIONS OPERATING FACILITIES (SAMPLE)

ITEM A	TERMINALS B	DESCRIPTION C	TYPE D	IDENTIFICATION E	TERM F	QTY G	LOC H	CT I	TERM J	LOC K	CLEAR- ANCE H	REMARKS I
1	ASC FT DETRICK	DCS AUTOMATIC DIGI- TAL NETWORK	FDX 75BD TTY	BUEE A047/ GT14-37	KW26	2	FC	MC		A		MODE V AUTODIN
2	ASC FT DETRICK	DCS AUTOMATIC DIGI- TAL NETWORK	FDX 1200 BD DATA	BUEE A050/ GT1438	KG13	2	FC	MC		A		% ALL TER- MINAL EQUIP- MENT LEASED CODE BB AUTODIN
3	NAS PATUXENT RIVER	DCS TELETYPEWRITER NETWORK	FDX 75BD TTY	BUAA B603/ GP743	KW7	2	FC	CR		S		
4	NCS WASH DC	NAVAL COMMAND OPERATIONAL NETWORK	FDX 75BD TTY	BNCC L043/IGL	K26	1	FC	CR		TS		
5	NAS PATUXENT RIVER	NAVAL COMMAND OPERATIONAL NETWORK	FDX 75BD TTY	BNCC X074/G78	KW26	1	FC	RC		S		
6	DOBBINS AFB	AF AIR OPERATIONS NETWORK	FDX 75BD TTY	JU0C L128/ GP192	KW26	1	FC	RC		S		
7	WXB ATLANTA	WEATHER TELETYPE- WRITER	HDX 75BD TTY	BQEC N041/ GX999			FC	AERO		U		FAA WX SVC "A"
8	WXB CARSWELL AFB	WEATHER QUERY AND RESPONSE	FDX DATA	JQGC B081/ GP4717			FC	AERO		U		COMEDS: PRINTER AND CRT-KYBD

JUL 24 1978

CLASSIFICATION

OPNAV REPORT 2010-2

SECTION II

REPORTING ACTIVITY

(NAME)

DATE:

SUBJ: TELETYPEWRITER/RECORD/DATA COMMUNICATIONS OPERATING FACILITIES (SAMPLE)

ITEM A	TERMINALS B	DESCRIPTION C	TYPE D	IDENTIFICATION E	TERM F	QTY G	LOC H	CKT I	TERM J	LOC K	CLEAR- ANCE H	REMARKS I
9	CLASSIFIED	ECC	HDX 50BD TTY	NONE /LL 87 ASSIGNED	NONE			RC	TS			IN HOUSE
10	NAS NORFOLK	SUPPLY NET	FDX DATA	NONE /LL 97 ASSIGNED	%		MC	MC	U			% IBM 066/ 068
11	TRANSMITTER STATION/ RECEIVER STATION	ECC	FDX 75BD TTY	NONE /LL 108 ASSIGNED	KW7	2	FC	FC	S			
12	NAVCAMS LANT NORFOLK	NAVAL COMMUNICATIONS MASTER CONTROL STATION	FDX 75BD TTY	B0CA L604/ GB108	KW26	1	FC	CAMS	S			
13	NCS BALBOA	DCS TELETYPEWRITER ORDERWIRE	FDX 50BD	B00A L197/G1879	KW26	1	FC	FC	S			
14	ROBINS AFB CONTROL	DCS TELETYPEWRITER ORDERWIRE	FDX 75BD TTY	J00AN902/1FT73	KW26	1	FC	FC	S			
15	WARRINGTON	VFCT TRUNK	FDX V	B2BQ04/BTXX T108	FGC60	1	FC	FC	U			DCS ALT ROUTES VIA CAN TAT CABLE
16	NCS WASH DC NCS NORFOLK	FLEET SHIP/SHORE ACCESS NETWORK	FDX 75BD TTY	BYAA 701/GL593	FGC60	1	FC	FC	U			
17	PATRICK AFB	MANNED SPACE FLIGHT NETWORK	FDX V	MMSC A012/ GT009	TP%		FC	FC	U			HOTLINE

Attachment to Enclosure (1)

JUL 24 1978

CLASSIFICATION

OPNAV REPORT 2010-2
SECTION II

REPORTING ACTIVITY _____ (NAME)

DATE: _____

SUBJ: TELETYPEWRITER/RECORD/DATA COMMUNICATIONS OPERATING FACILITIES (SAMPLE)

ITEM A	TERMINALS B	DESCRIPTION C	TYPE D	IDENTIFICATION E	TERM F	QTY G	LOC H	CKT I	TERM J	LOC K	CLEAR- ANCE L	REMARKS M
18	ARMY AIR DEFENSE COMMAND POST NEW YORK	AIR DEFENSE COOR- DINATION NETWORK	FDX V	NONE /L8727 ASSIGNED	TP8		TWR	TWR			U	HOTLINE
19	KENNEDY INTL AIRPORT	AIR TRAFFIC CONTROL	FDX V	NONE /L8728 ASSIGNED	TP8		OPS	OPS			U	ATC HOTLINE
20	NAVAMS LANT NORFOLK	WIDEBAND MULTIPLEX	HDX AUDIO	NONE ASSIGNED	FCC17	1	FC				-	FACILITY CON- TROL TO TRANS- MITTER SITE WIDEBAND MULTIPLEX 60 CHANNEL
21	NAVAMS LANT NORFOLK	WIDEBAND MULTIPLEX	HDX AUDIO	NONE ASSIGNED	FCC17	1	TT				-	TRANSMITTER SITE TO FC WIDEBAND MULTIPLEX 48 CHS

JUL 24 1978

CLASSIFICATION

OPNAV REPORT 2010-2
SECTION III

REPORTING ACTIVITY

DATE

SUBJ: VOICE SWITCHING OPERATING FACILITIES REPORT (SAMPLE)

ITEM A	TYPE B	SWITCHBOARD C	LINES D	TERM EQUIP E	SUBSCRIBERS F	REMARKS G
1	PABX	300L, 701 AUTOMATIC DIAL SWITCHBOARD	4 WIRE LINES - GP7093 NIOD GP8072 NIOD 92GL703 NIOD 42L7943 NIOD 47GP1 NIOD	1 VOCODER 1 BRIDGE 1 RINGER	82 CLASS A 15 CLASS B 3 CLASS C	40 INTERCOM CONNECTION AUTOMATIC
			2 WIRE LINES - 82P317 NOD 82P318 NOD G7432 TOUCHTONE 1G82 TOUCHTONE 2G84 TOUCHTONE			
			4 WIRE TRUNK 33E70B1			
			4 WIRE LINES - L7096 L7097 L7098 L7099			
2	AUTOVON	ACCESS THROUGH ITEM #1	4 WIRE LINES - GDA 5129 - 1 TOUCHTONE 5129 - 2 TOUCHTONE 5129 - 3 TOUCHTONE		20 CLASS A	MONROVIA, VOICE/DATA
3	ICSB	758C MANUAL CONSOLE	2 WIRE LINES L7093 TOUCHTONE	10 TA4Q1B UNITS		HICOM TT-RR EXTENSION S/S
			2 WIRE TRUNKS GP 3011-2 TOUCHTONE 3011-3 TOUCHTONE 3011-4 TOUCHTONE	1 BRIDGE 1 MODEM		

Attachment to Enclosure (1)

JUL 24 1978

CLASSIFICATION

DATE

REPORTING ACTIVITY

OPNAV REPORT 2010-2
SECTION III

SUBJ: VOICE SWITCHING OPERATING FACILITIES REPORT (SAMPLE)

ITEM A	TYPE B	SWITCHBOARD C	LINES D	TERM EQUIP SUBSCRIBERS			REMARKS G
				E	F		
4	AUTO- SEVOCOM	AN/FTC 31	4 WIRE LINE	HV2/KGB			M/W AUTOSEVOCOM PABX
			4 WIRE LINES - L7094 NIOD				
			4 WIRE LINES - L7095 NIOD				
			2 WIRE LINES - L7096 NIOD				
			- L7097 NIOD				
			- L7098 NIOD				

JUL 24 1978

REPORTING ACTIVITY

OPNAV REPORT 2010-2 _____ (NAME) _____ DATE _____
 SECTION IV

SUBJ: EQUIPMENT SUMMARY (SAMPLE)

A	B	C	A	B	C		
EQUIPMENT	TYPE	QUANTITY	LOCATION	EQUIPMENT	TYPE	QUANTITY	LOCATION
AN/FRT	4	1	TT2	AN/FCC	3	10	RR
AN/FRT	5B	9	TT2	AN/FCC	3	10	TT
AN/FRT	19	1	TT2	AN/FGC	15	1	FC
AN/FRT	25	2	TT1	AN/FCC	17	1	FC
AN/FRT	39	20	TT1	AN/FGC	5	1	FC
AN/FRT	39B	20	TT1	AN/FGC	60	4	FC
AN/FRT	39B	3	\$				
AN/FRT	40	10	TT1	<u>TELETYPEWRITERS</u>			
AN/FRT	40B	25	TT1				
AN/FRT	62	1	TT2	AN/FGC	73 (V)	2	RC
TAB		1	TT2	AN/FGC	79	9	RC
<u>RECEIVERS</u>				AN/UGC	6	14	RC
AN/BRR	3	2	RR	AN/UGC	6A	10	MC
AN/BRR	3	2	TT1	AN/UGC	25	12	FC
AN/FRR	3	2	RR	AN/UGC	25	8	CAMS
R390/URR		31	RR	<u>CRYPTOGRAPHIC</u>			
R390/URR		4	FC	HW10/19		4	CR
R390/URR		2	TWR	HW10/19		1	CR*
R466/UC		4	FC	KG	13	4	FC
<u>MICROWAVE</u>				KL	47	8	CR
AN/FRC	37	4	FC	KW	7	39	FC
AN/FRC	70	4	FC	KW	7	4	\$
<u>TROPO</u>				KW	26	85	FC
FRC	39	1	TT3	KW	26	48	FC
<u>SATCOMM</u>				KWR	37	6	FC
TRC	54	1	TT4	KWT	37	6	FC
<u>TRANSCEIVERS</u>				<u>MISCELLANEOUS</u>			
AN/PRC	40	1	CC	AN/SGC	1	3	RR
AN/PRC	40	1	RR	AN/URA	30	3	RR
AN/PRC	40	1	TT	GNT	2206	2	BCST
AN/VRC	52	5	MOBILE UNIT	BZ	58	1	RR

NOTES: *USED BY COMNAVLANT
 CINCLANTFLT ACCOUNT

Attachment to Enclosure (1)

JUL 24 1978

OPNAV REPORT 2010-2
SECTION V

REPORTING ACTIVITY _____

(NAME/UIC) _____

DATE _____

SUBJ: MANPOWER ASSIGNMENT BY LOCATION

A	B	C	D	E	F	G
ITEM	LOCATION	BILLET TITLE OR POSITION DESC.	GS/WAGE BOARD SERIES NEC/NOBC	GRADE/ RANK/RATE	CEILING/ AUTH.	REMARKS
1	TT	OIC	9595	LT	1	
2	TT	SUPVR	2313	RMC	4	
3	TT	ELEX MAINT	1434	ETN2	4	
4	MCEN	CWO	2313	RMC	4	
5	MCEN	TTY OPR	393	GS-4	3	
6	MCEN	COMM OPR	392	GS-5	4	
7	RR	OIC		LTJG	1	
8	RR	RCVR OPR		RM2	4	
9	TSC	TTY OPR		RM3	4	
10	TWR	A/G OPR	392	GS-6	2	
11	GE	MAINT SUPVR	856	GS-9	1	
12	GE	TTY REPR	2509	WG-10	2	

JUL 24 1978

LIST OF ABBREVIATIONS AND SYMBOLS TO BE USED IN THE
PREPARATION OF THE COMMUNICATIONS OPERATING FACILITIES
REPORT

1. In addition to standard abbreviations and those unique abbreviations and symbols already designated the following are to be used in the preparation of the Communications Facilities Report. Additional abbreviations may be used as required, provided necessary legends are included to avoid confusion.

A	Active 24 hours per day, seven days per week
A/C	Aircraft
ACC	Alternate Command Center
ACW	Automatic Keyed CW
ADM	Administrative
AERO	Aerology
AFTS	Audio Frequency Tone Shift
A/G	Air to Ground
ALF	Auxiliary Landing Field
AMDS	Automated Message Distribution System
ARS	Automatic Relay Station
ASC	AUTODIN Switching Center
ATC	Air Traffic Control
ATCU	Air Transportable Communications Unit
AWS	Automatic Weather Service
BCST	Broadcast
B/U	Back-Up
CAMS	Communications Area Master Station
CC	Crypto Center
CCSD	Command Communications Service Designator
CCL	Communication Control Link
CCU	Common Control Unit
CG	Coast Guard
CGAS	Coast Guard Air Station
CH	Channel(s)
CKT	Circuit
CN	Conferencing Net
COM	Commander
COMEDS	Conus Meteorological Data Systems
COML	Commercially Owned Equipment
CPM	Cards-per-Minute
CR	Conference Room
CSU	Circuit Switching Unit
CU	Common User

TAB A to Enclosure (1)

OPNAVINST 2010.3D

JUL 24 1978

DATA	Data
DCA	Defense Communications Agency
DCS	Defense Communications System
DIN	AUTODIN
DPX	Duplex Operation
DSTE	Digital Subscriber Terminal Equipment
DTS	Diplomatic Transfer Service
EBA	Equipment provided <u>by</u> another Activity
ECC	Electronic Courier Circuit
EMC	Engineered Military Circuit
EOL	Equipment on Loan Basis
EPA	Equipment provided <u>to</u> another Activity
ERS	Emergency Relocation Site
FAA	Federal Aviation Agency
FAX	Facsimile
FC	Facilities Control
FCC	Federal Communications Commission
FDX	Full-Duplex Operation
FF	Fleet Center
FSK	Frequency Shift Keying
FWC	Fleet Weather Central
FWF	Fleet Weather Facility
G	Guard Continuously
GC	Graphic Center
GE	Ground Electronics
HDX	Half-duplex Operation
HFDF	High Frequency Direction Finder
H	Hot Line Telephone
H/O	Hours of Operations
IOIC	Integrated Operational Intelligence Center
ISB	Independent Side Band
LD	Local Delivery
LDMX	Local Digital Message Exchange
LL	Land Line
LS	Loud Speaker Watch
MA	Maintenance
MC	Multichannel
MCAS	Marine Corps Air Station
MCEN	Message Center
MOB	Mobile
MON	Monitor
MSU	Message Switching Unit
MTP	Multi-Point Send and Receive or Conference
MUX	Multiplex Operation
M/W	Microwave

TAB A to Enclosure (1)

JUL 24 1978

NAF	Naval Air Facility
NAS	Naval Air Station
NAVCOM-	
PARS	Naval Communications Processing and Routing System
NB	Naval Base
NCS	Naval Communications Station
NCU	Naval Communication Unit
NF	Naval Facility
NID	Network-in-Dialing
NIOD	Network-in-and-out Dialing
NIPS	Naval Intelligence Processing System
NOD	Network-out-Dialing
NR	Number
NRS	Naval Radio Station
NS	Naval Station
NSGA	Naval Security Group Activity
NTSD	Navy Tactical Service Designator
NSGD	Naval Security Group Detachment
NWSED	Naval Weather Service Environmental Detachment
OBD	Equipment on board awaiting disposition
OBI	Equipment on board awaiting installation
OC	Operations Center
OCR	Optical Character Reader
OPS	Operations
O/R	On Request
OW	Orderwire
P(YR)	Planned Year
PSO	Port Services Office
RATCC	Radar Air Traffic Control Center
RC	Relay Center
REC	Receive or Receiver
RFCS	Radio Frequency Carrier Shift
RIXT	Remote Information Exchange Terminal
RO	Receive Only Half Duplex Operation
ROM	Receive Only - Multi-Point Half Duplex Operation
RR	Receiver Site or Building
RRF	Radio Receiving Facility
RTF	Radio Transmitting Facility
RTT	Radio Teletype Operations
SAR	Search and Rescue
SC	Single Channel
SCOM	Satellite Communication Terminal
SO	Send-Only Half-Duplex Operation
SOM	Send-Only Multi-Point Half-Duplex
SPM	Scans per Minute

TAB A to Enclosure (1)

OPNAVINST 2010.3D

JUL 24 1978

SPX	Simplex
SRT	Standard Remote Terminal
S/S	Ship/Shore
SSB	Single Sideband Operation
SUP	Supply
TC	Tactical Communications Coordination Center
TD	Tactical Routing and Distribution Center
TF	Task Force
TFC	Traffic
TL	Tie-Line
TNK	Trunk
TP	Telephone
TROPO	Tropospheric Scatter Site (System)
TSC	Tactical Support Center
TT	Transmitter Site or Building
TTY	Teletypewriter
TWR	Tower
V	Voice
VCOM	AUTOSEVOCOM
VFCT	Voice Frequency Carrier Telegraph
VON	AUTOVON
VTU	Voice Terminal Unit
VV	Visual Signal Station
WB	Wideband
WR	Wire Room
WX	Weather
WXB	Weather Bureau
X(YR)	To be discontinued (YR)
XM	Transmit
XMTR	Transmitter

2. For activities with more than one location of the same type, such as two transmitter sites, the location abbreviations will be modified as in the following example with an appropriate explanation in the forwarding letter. Example:

TT1	RTF Driver
TT2	RTF Annapolis

TAB A to Enclosure (1)

JUL 24 1978

SCHEDULE OF SUBMISSION AND ORDER OF PROMULGATION OF THE
COMPLETED COMMUNICATIONS OPERATING FACILITIES REPORT

1. In order to provide various activities within the Department of the Navy with the required information in a timely and orderly fashion, submission dates have been established on a staggered basis.

a. Submission. Reports shall be submitted on the following schedule:

<u>ACTIVITIES UNDER THE MAJOR CLAIMANCY OF</u>	<u>DATE OF REPORT</u>
(1) Commander in Chief, Atlantic Fleet	1 January
(2) Commander in Chief, Pacific Fleet	1 February
(3) Commander in Chief Naval Forces, Europe	1 March
(4) Chief of Naval Education and Training	1 March
(5) Chief of Naval Reserve	1 April
(6) Chief of Naval Material	1 May
(7) Chief of Naval Personnel	1 June
(8) Chief, Bureau of Medicine and Surgery	1 June
(9) Commander, Naval Security Group Command	1 July
(10) Commander, Naval Telecommunications Command	1 August
(11) Commander, Naval Intelligence Command	1 September
(12) Commander, Naval Weather Service Command	1 September
(13) Oceanographer of the Navy	1 October
(14) All Naval Districts	1 October
(15) All other Navy CONUS activities	1 November

Enclosure (2)

OPNAVINST 2010.3D

~~JUL 24 1978~~

- | | |
|---|------------|
| (16) All other Navy European activities | 1 November |
| (17) All other Navy Pacific activities | 1 November |
| (18) Commandant of the Marine Corps | 1 December |

b. Promulgation by Navy commands and activities.
Reporting activities shall be responsible for submitting the
number of required copies indicated:

<u>COMMAND</u>	<u>NO. OF COPIES</u>
To: COMNAVTELCOM	8
Copy to:	
(1) Major Claimant	2
(2) COMNAVELEXSYSCOM	3
(3) Area Coordinator	1
(4) Electromagnetic Compatibility Analysis Center Annapolis, MD 21402 ATTN: Navy Deputy	1
(5) Appropriate Field Technical Authority	1
(6) Appropriate Immediate Commanders	1 each
(7) Appropriate Communications Area Master Station (CAMS)	1 each
(8) NAVEMSCEN Cheltenham, MD 20390	1 each
(9) Activities which are pro- vided communications operating facilities (such as remote transmitters or receivers) by another activity.	1 each

Enclosure (2)

JUL 24 1978

c. Promulgation of Marine Commands. Reporting commands shall be responsible for submitting the number of required copies as indicated:

U. S. MARINE CORPS INSTALLATIONS

<u>COMMAND</u>	<u>NO. OF COPIES</u>
To: COMNAVTELCOM	5
Via: Intermediate Marine Commander (COMARCORBASES PAC, COMCABWEST), if directed by intermediate commander.	1
Copy to:	
(1) Area Coordinator	1
(2) CMC	1
(3) Primary Support Activity, if not CMC	2
(4) COMNAVELEXSYSCOM	1
(5) Appropriate Field Technical Authority	1
(6) Intermediate Marine Commander, if intermediate commander does not direct	1

Enclosure (2)